

Amendments to the Claims:

Claims 1, 8, 14, 19, 21, 24, and 25 have been amended herein. Please note that all claims currently pending and under consideration in the referenced application are shown below. Please enter these claims as presented. This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently amended) In a communication system, a method for blocking a call request comprising:

receiving at a mobile station an initial call request block probability, an effective time stamp of the initial call request block probability, and a time period value;

determining at the mobile station an elapsed time from ~~an~~ the effective time ~~stamp of said initial call request block probability;~~ and

adjusting at the mobile station said initial call request block probability at least once every time period value based on said elapsed time determined within the mobile station, said adjusted call request block probability identifying when the mobile station blocks a call request by foregoing origination of the call request.

2. (Original) The method as recited in claim 1 wherein said adjusting includes decreasing said initial call request block probability.

3. (Previously Presented) The method as recited in claim 1 further comprising: using said adjusted initial call request block probability to block a call request at the mobile station in said communication system.

4. (Original) The method as recited in claim 1 further comprising:
receiving a time stamp associated with said initial call request block probability; and
using said time stamp for determining said elapsed time.

5. (Previously Presented) The method as recited in claim 1 further comprising:
receiving an effective call request block termination time; and
terminating a call request block performed based on said adjusted initial call request block probability in a gradual process from said effective call request block termination time.

6. (Original) The method as recited in claim 1 wherein said adjusted initial call request block probability allows fewer number of mobile stations to initiate call requests than a number of mobile stations allowed to initiate call requests at a time of said initial call request block probability.

7. (Original) The method as recited in claim 1 further comprising:
receiving a time period value, wherein said adjusting occurs at least once during a time period substantially equal to said time period value.

8. (Currently amended) In a communication system, an apparatus comprising:
a receiver configured for receiving at the apparatus an initial call request block probability, an effective time stamp of the initial call request block probability, and a time period value; and

a processor configured for determining at the apparatus an elapsed time from ~~an~~ the effective time ~~stamp of said initial call request block probability,~~ and adjusting at the apparatus said initial call request block probability at least once every time period value based on said elapsed time determined within the apparatus, said adjusted call request block probability identifying when the mobile station blocks a call request by foregoing origination of the call request.

9. (Previously Presented) The apparatus as recited in claim 8 wherein said processor further configured for using said adjusted initial call request block probability to block a call request at the apparatus in said communication system.

10. (Previously Presented) The apparatus as recited in claim 8 wherein said receiver further configured for receiving a time stamp associated with said initial call request block probability, and said processor further configured for using said time stamp for determining said elapsed time.

11. (Previously Presented) The apparatus as recited in claim 8 wherein said receiver further configured for receiving an effective call request block termination time, and said processor further configured for terminating a call request block performed based on said adjusted initial call request block probability in a gradual process from said effective call request block termination time.

12. (Previously Presented) The apparatus as recited in claim 8 wherein said adjusted initial call request block probability allows fewer number of apparatus to initiate call requests than a number of apparatus allowed to initiate call requests at a time of said initial call request block probability.

13. (Previously Presented) The apparatus as recited in claim 8 wherein said receiver further configured for receiving a time period value, wherein said adjusting occurs at least once during a time period substantially equal to said time period value.

14. (Currently amended) A communication system comprising:
a mobile station configured for receiving at the mobile station an initial call request block probability, an effective time stamp of the initial call request block probability, and a time period value from a base station, determining at the mobile station an elapsed time from ~~an~~ the effective time ~~stamp of said initial call request block probability,~~ and adjusting at the mobile station said initial call request block probability at least once every time period value based on said elapsed time determined within the mobile station, said adjusted call request block probability identifying when the mobile station blocks a call request by foregoing origination of the call request.

15. (Previously Presented) The communication system as recited in claim 14 wherein said mobile station is further configured for using said adjusted initial call request block probability to block a call request.

16. (Original) The communication system as recited in claim 14 wherein said mobile station is further configured for receiving, from said base station, a time stamp associated with said initial call request block probability, and using said time stamp for determining said elapsed time.

17. (Original) The communication system as recited in claim 14 wherein said mobile station is further configured for receiving, from said base station, an effective call request block termination time, and terminating a call request block performed based on said adjusted initial call request block probability in a gradual process from said effective call request block termination time.

18. (Original) The communication system as recited in claim 14 wherein said mobile station is further configured for receiving, from said base station, a time period value, wherein said adjusting occurs at least once during a time period substantially equal to said time period value.

19. (Currently amended) A mobile station comprising:
a receiver configured for receiving at the mobile station an initial call request block probability, an effective time stamp of the initial call request block probability, and a time period value; and

a processor configured for determining at the mobile station an elapsed time from ~~an~~ the effective time ~~stamp of said initial call request block probability,~~ and adjusting at the mobile station said initial call request block probability at least once every time period value based on said elapsed time determined within the mobile station, said adjusted call request block probability identifying when the mobile station blocks a call request by foregoing origination of the call request.

20. (Previously Presented) The apparatus as recited in claim 19 wherein said processor further configured for using said adjusted initial call request block probability to block or unblock a call request at said mobile station.

21. (Currently amended) In a communication system, an apparatus comprising:
a receiver configured for receiving at the mobile station an initial call request block probability, an effective time stamp of the initial call request block probability, and a time period value, wherein the initial call request block probability is a percentage of calls to be blocked as specified by a network element; and

a processor configured for determining at the mobile station an elapsed time from ~~an~~ the effective time ~~stamp of said initial call request block probability~~, wherein the block probability is determined by a network element and adjusting at the mobile station said initial call request block probability at least once every time period value based on said elapsed time determined within the mobile station, said adjusted call request block probability identifying when the mobile station blocks a call request by foregoing origination of the call request.

22. (Previously Presented) The apparatus as recited in claim 21, wherein said processor is further configured to use said adjusted initial call request block probability to block a call request.

23. (Previously Presented) A method for blocking a call request at a mobile station, the method comprising:

receiving at the mobile station an initial call request block probability, the initial call request block probability being a percentage of calls to be blocked as specified by a network element;

receiving at the mobile station a time stamp and a time period associated with the received initial call request block probability;

determining within the mobile station an elapsed time from an effective time of said initial call request block probability using the received time stamp;

iteratively adjusting the initial call request block probability, the number of iterations being based on the ratio of the elapsed time to the received time period, said adjusted call request block probability identifying when the mobile station blocks a call request by foregoing origination of the call request;

generating a random number by the mobile station between minimum and maximum allowed values associated with the initial call request block probability; and

blocking the call request at the mobile station based on a comparison of the randomly generated number and the adjusted initial call request block probability.

24. (Currently amended) In a communication system, an apparatus for blocking a call request comprising:

means for receiving at a mobile station an initial call request block probability, an effective time stamp of the initial call request block probability, and a time period value;

means for determining at the mobile station an elapsed time from ~~an~~ the effective time ~~stamp of said initial call request block probability;~~ and

means for adjusting at the mobile station said initial call request block probability at least once every time period value based on said elapsed time determined within the mobile station, said adjusted call request block probability identifying when the mobile station blocks a call request by foregoing origination of the call request.

25. (Currently amended) A storage medium having computer-executable instructions encoded thereon for performing a method for blocking a call request, the method comprising:

receiving at a mobile station an initial call request block probability, an effective time stamp of the initial call request block probability, and a time period value;

determining at the mobile station an elapsed time from ~~an~~ the effective time ~~stamp of said initial call request block probability;~~ and

adjusting at the mobile station said initial call request block probability at least once every time period value based on said elapsed time determined within the mobile station, said adjusted call request block probability identifying when the mobile station blocks a call request by foregoing origination of the call request.